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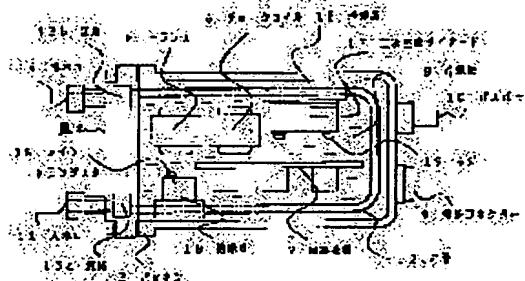
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## (54) SUBMERGED DC-DC CONVERTER COOLER

## (57)Abstract:

PURPOSE: To provide the more compact DC-DC converter cooler having the high cooling capability.

CONSTITUTION: A DC-DC converter is submerged into refrigerant 8 in a tightly sealed cooling container. A secondary rectifying diode 17, which is a heating part, is mounted on a cooling plate 15. A plurality of thin pipes 12 are connected to the cooling plate 15 and attached to the inner surface of the tightly sealed container 1. A flow path distributes refrigerant, which is supplied from the outside, to each thin pipe 12 and collects the refrigerant after cooling. The cap seals the tightly sealed container. The cooler is constituted of these parts.



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